

IN THE CLAIMS

Claims 1-17 (Canceled)

18. (previously presented): A stent coated with 3-deazaadenosine or an analog of 3-deazaadenosine selected from the group consisting of a salt of 3-deazaadenosine and a precursor of 3-deazaadenosine which can be degraded to 3-deazaadenosine in the body under physiological conditions.

19. (currently amended): The stent of claim 18 ~~36~~, wherein said analog of deazaadenosine is selected from the group consisting of 3-deazaadenosine-3'-monophosphoric acid, 3-deazaadenosine-3'5'-cyclophosphate and 3-deazaadenosine-5'-diphosphoric acid.

20. (currently amended): The stent of claim 18 ~~36~~, wherein said 3-deazaadenosine or analog of 3-deazaadenosine is covalently bound to the stent.

21. (currently amended) A method of preventing in-stent restenosis, reperfusion ~~repurfusion~~ injuries or treating and preventing infectious and inflammatory coronary syndromes, dilated cardiomyopathy, viral myocarditis or infections by parasites by implanting the stent of claim 18 ~~36~~ in a patient in need thereof.

22. (currently amended): The method of claim 21 ~~39~~, wherein ~~the condition is in-~~ stent restenosis is prevented.

Claims 23-25 (canceled)

26. (new) The stent of claim 18, wherein said analog of deazaadenosine is 3-deazaadenosine-3'-monophosphoric acid.

27. (new) The stent of claim 18, wherein said analog of deazaadenosine is 3-deazaadenosine-3'5'-cyclophosphate.

28. (new): The stent of claim 18, wherein said analog of deazaadenosine is 3-deazaadenosine-5'-diphosphoric acid.

- 29. (new) The stent of claim 26, wherein said analog is covalently bound to the stent.
- 30. (new) The stent of claim 27, wherein said analog is covalently bound to the stent.
- 31. (new) The stent of claim 28, wherein said analog is covalently bound to the stent.
- 32. (new) A method of preventing reperfusion injuries comprising implanting the stent of claim 18 in a patient in need thereof.
- 33. (new) A method of treating an infectious coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
- 34. (new) A preventing an infectious coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
- 35. (new) A method of treating an inflammatory coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
- 36. (new) A method of preventing an inflammatory coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
- 37 (new) A method of treating dilated cardiomyopathy comprising implanting the stent of claim 18 in a patient in need thereof.
- 38. (new) A method of preventing dilated cardiomyopathy comprising implanting the stent of claim 18 in a patient in need thereof.
- 39. (new) A method of treating viral myocarditis by implanting the stent of claim 18 in a patient in need thereof.
- 40. (new) A method of preventing viral myocarditis by implanting the stent of claim 18 in a patient in need thereof.